

FIG. 1

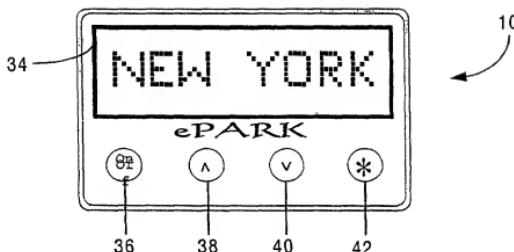


FIG. 2

20080220-1108160007

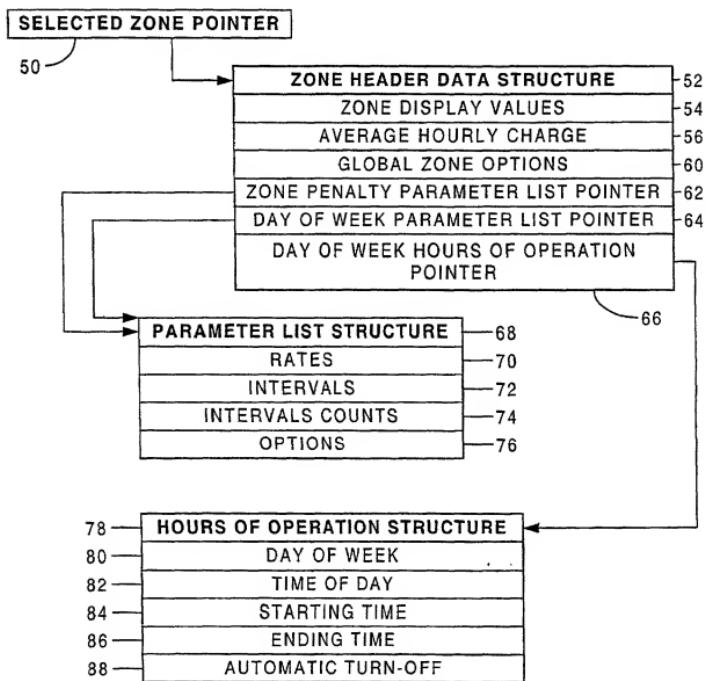


FIG. 3

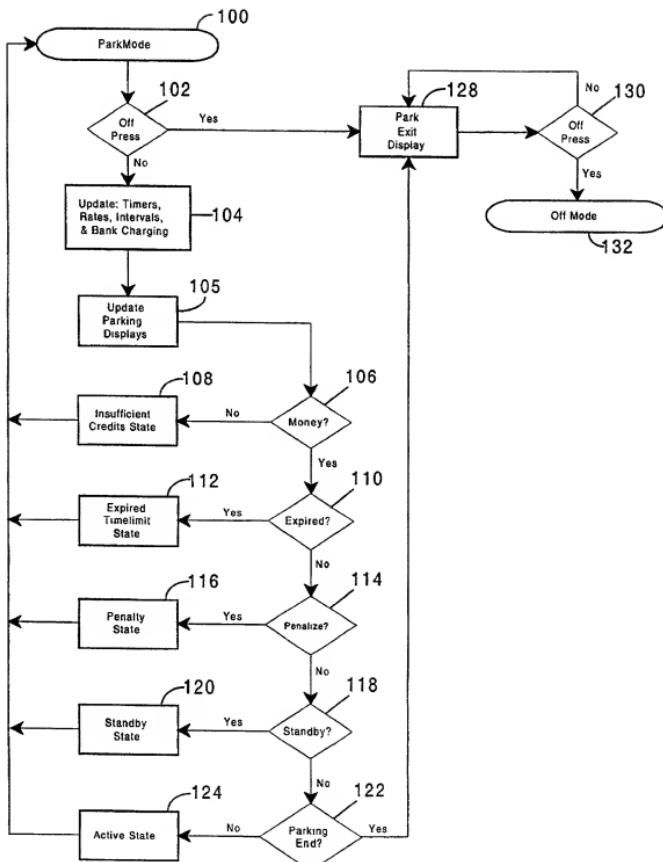


FIG. 4

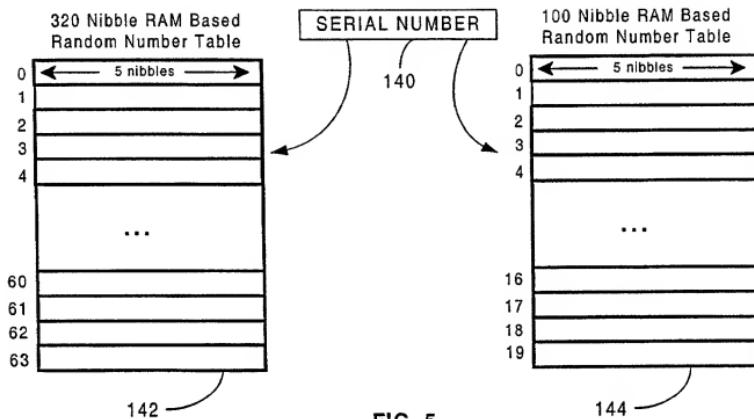


FIG. 5

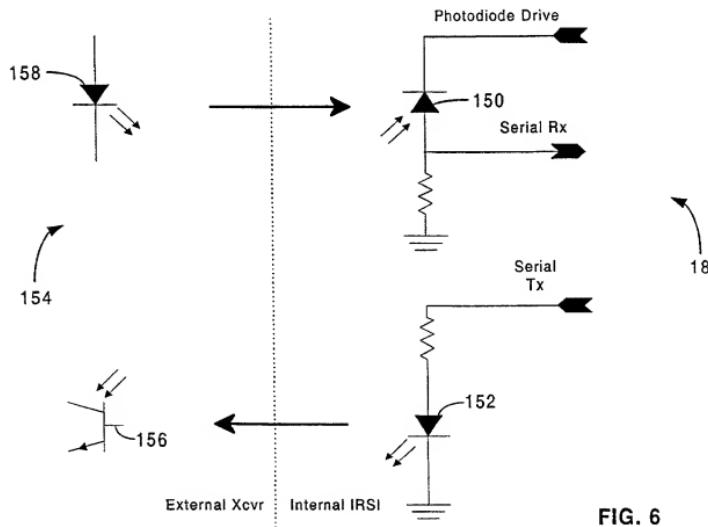


FIG. 6

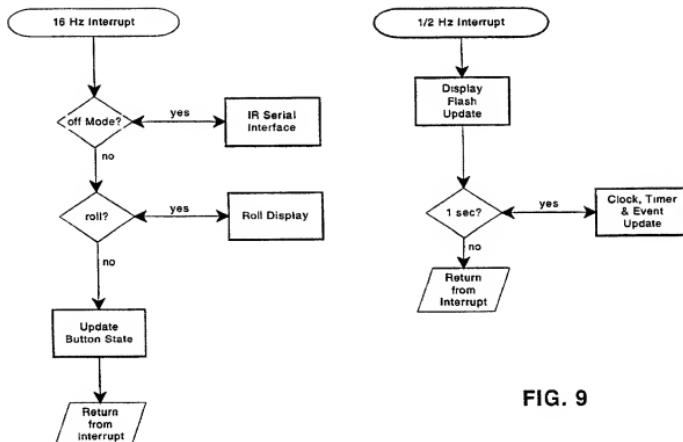
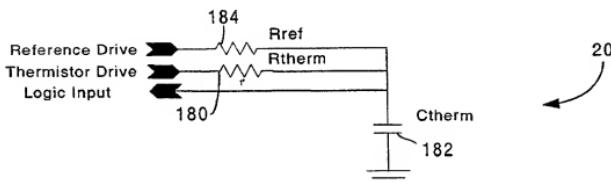


FIG. 9

FIG. 7



where,

T_1 is the time for C_{therm} to charge from 0 to a logic high thru the reference resistor R_{ref}
 T_2 is the time for C_{therm} to charge from 0 to a logic high thru the thermistor R_{therm}

$$R_{therm} = (T_2/T_1) * R_{ref}$$

$$\text{Temperature} = \text{table lookup}(R_{therm})$$

FIG. 8

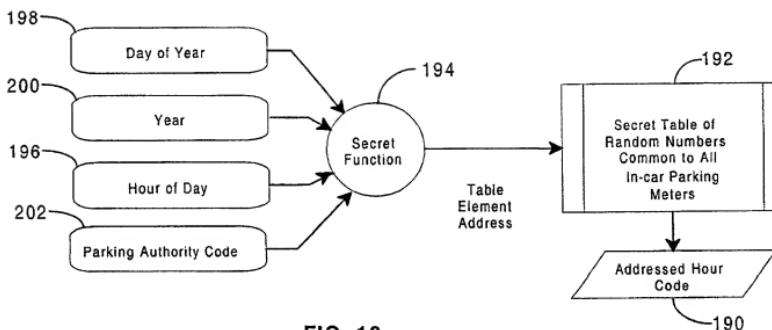


FIG. 10

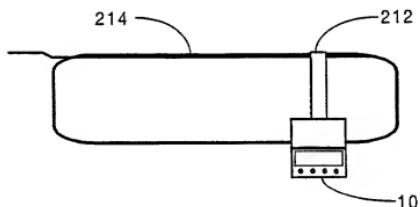


FIG. 11A

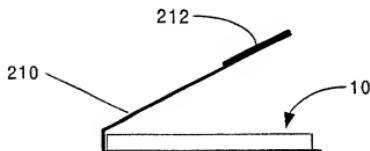


FIG. 11B

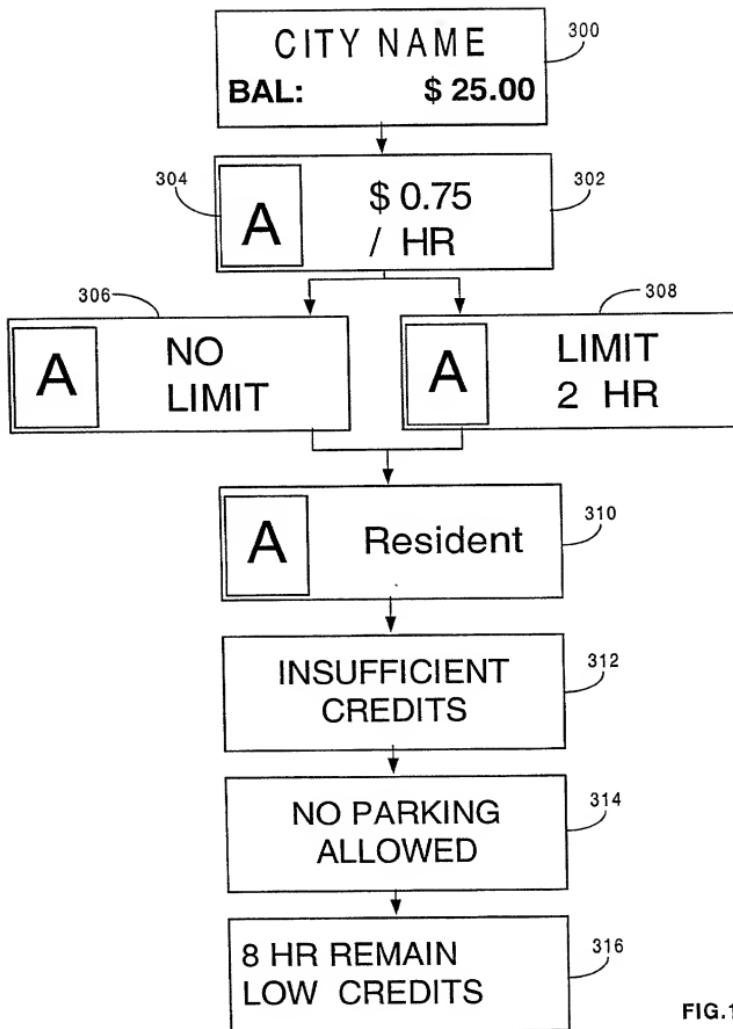


FIG.12

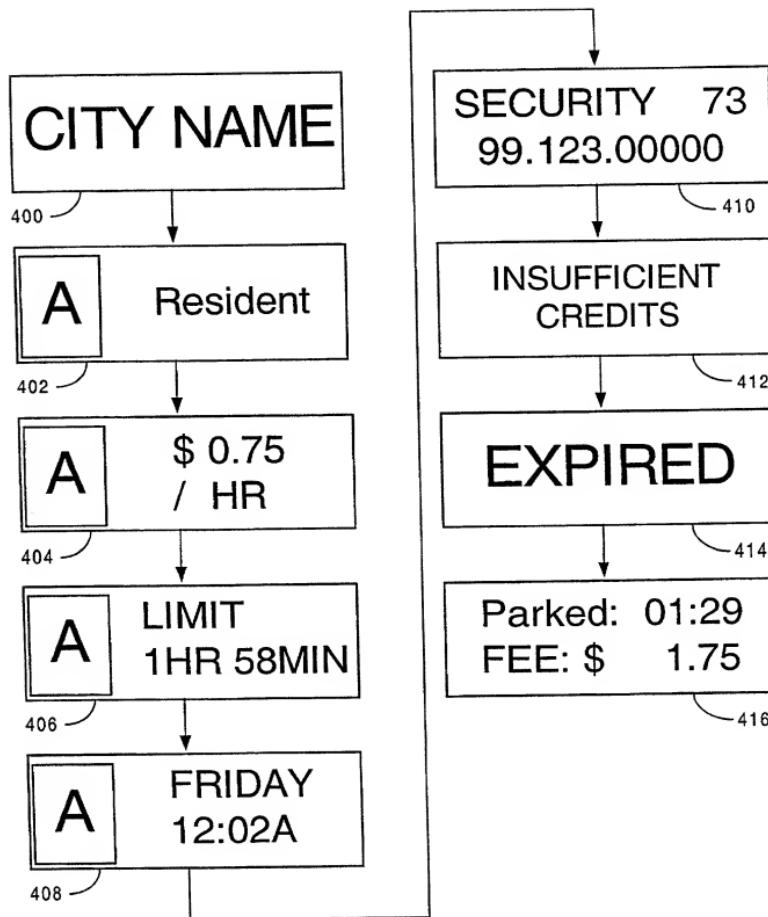


FIG. 13